## MENHANT, GOULD, SMITH EDELL, WELTER & SCHMIDT

## United States Patent Application COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

The specification of which  a is attached hereto  b. X was filed on as application serial no and was amended on (if applicable) (in the case of a PCT-filed application) described and claimed in international no. PCT/JP96/00637 filed March 14, 1996 and as amended on (if any), which I have reviewed and for which I solicit a United States patent.
hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.
acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56 (see the last page attached hereto).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

- a. \_ no such applications have been filed.
- b. X such applications have been filed as follows:

FORI	EIGN APPLICATION(S), IF ANY,	CLAMING PRIORITY UNDE	ER 35 USC § 119
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	DATE OF ISSUE (day, month, year)
Japan	86259/1995	17, 03, 1995	
Japan	117874/1995	18, 04, 1995	
Japan	194657/1995	31, 07, 1995	
ALL FORE	IGN APPLICATION(S), IF ANY, I	FILED BEFORE THE PRIORI	TY APPLICATION(S)
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	DATE OF ISSUE (day, month, year)

I hereby claim the benefit under Title 35, United States Code, § 120/365 of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. APPLICATION NUMBER	DATE OF FILING (day, month, year)	STATUS (patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

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Adriano, Sarah B.
                                         34,470
32,960
27,612
                                                          Gabilan, Mary Susan
Golla, Charles E.
                                    NO.
                                                                                       Reg.
                                                                                              No -P-38, 729
                                                                                                                 Pollinger, Steven J.
                                                                                                                                                     Req.
                                                                                                                                                           No.
Batzli, Brian H.
Beard, John L.
                                                                                             No. 26, 896
No. P-38, 472
No. 18, 223
                                    No.
                             Reg.
                                                                                       Rea.
                                                                                                                 Reich, John C.
Reiland, Earl D.
                             Reg.
                                    No.
                                                          Gorman, Alan G.
                                                                                       Reg.
                                                                                                                                                     Req.
                                                                                                                                                           No
 Beck, Robert C
                                         28,184
                                                                                       Reg.
                             Reg.
                                    No.
                                                          Gould, John D.
                                                                                                                 Schmidt,
                                                                                                                              Cecil C.
                                                                                                                                                     Reg.
                                          37,089
29,249
17,426
Beiin, Thomas E
                             Reg.
                                    No.
                                                          Gresens, John J
                                                                                                                 Schuman, Mark D.
                                                                                       Reg.
                                                                                                                                                    Req.
                                                                                                                                                           No.
                                                                                                                                                                31,197
 Berman, Charles
                                                          Hammer, Michael S.
Hamre, Curtis B.
                                                                                                                 Schumann
                             Req.
                                    No.
                                                                                       Reg
                                                                                                                                                     Reg.
Bogucki, Raymond
                                                                                       Reg.
                                                                                                                 Sebald, Gregory A. Smith, Jerome R.
                                                                                                                                                    Reg.
                                                                                                                                                                 33,280
Bruess, Steven C.
Byrne, Linda M.
                                                                                             No.
                                                         Hassing, Thomas A. Hillson, Randall A
                             Reg.
                                    No.
                                                                                       Reg.
                                                                                                                                                    Req.
                                                                                                                                                                 35,684
                                                                                                  31,838
38,491
                             Reg.
                                                                                             No.
                                                                                       Req.
                                                                                                                 Sorensen, Andrew D
                                                                                                                                                     Reg
Carlson, Alan G
Carter, Charles
                             Reg
                                    No
                                                          Hollingsworth, Mark
                                                                                        . Reg
                                                                                                                 Stinebruner, Scott A.
                                                                                                                                                    Req.
                                                                                                                 Strawbridge, Douglas A. Strodthoff, Kristine M.
                             Reg.
                                    No.
                                                          Kadievitch, CarolineG
                                                                                       Reg.No
                                                                                                   38,198
                                                                                                                                                     Reg.
Caspers, Philip P
Clifford, John A.
                                                                                       Reg.
                             Reg.
                                                          Kastelic, Joseph M.
                                                                                                                                                    Req.
                                                                                                                                                           No
                             Req.
                                    No.
                                         30,247
                                                          Kowalchyk, Alan W.
                                                                                       Reg.
                                                                                                                                                     Reg.
Conrad, Timothy
                                                          Kowalchyk, Katherine M.
                             Reg.
                                                                                                                 Sumners, John S.
Tellekson, David K.
Underhill, Albert L.
                                                                                             No. 36,848
                                                                                      Req.
                                                                                                                                                    Reg.
Daignault, Ronald A
                                                         Krull, Mark A.
Lasky, Michael B.
Lynch, David W.
                             Reg.
                                    No.
                                                                                                                                                    Reg.
Daley, Dennis R.
                             Reg.
                                    No.
                                         34,994
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                                                                                             No. 29.555
Daulton, Julie R.
DeFrank, Edmond A.
                             Reg.
                                    No
                                                                                       Reg.
                                                                                                                 Vandenburgh, J. Derek
                                                                                                                                                    Req.
                                                                                                                                                           No
                                                         Mau, Michael L.
McDonald, Daniel W.
                                                                                       Reg.
                             Req.
                                    No.3
                                          37.814
                                                                                             No.
                                                                                                   30,087
                                                                                                                 Vietzke, Lance L.
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DiPietro, Mark J.
                                                                                             No. 32,044
                             Reg.
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                                                                                                                 Welter, Paul A.
                                                                                                                                                          No. 20,890
No. 27,054
Edell, Robert T.
                                                                                       Reg.
                                                                                                                 Williams, Douglas J.
                             Reg.
                                   No
                                                         McDonald, Wendy M.
                                                                                             No.
                                                                                                                                                    Reg.
Farber, Michael B. Gates, George H.
                                                         Mueller, Douglas P.
Nelson, Albin J.
                             Req.
                                                                                                                 Wood, Gregory B.
Yip, Philip S.
                                                                                       Req.
                                                                                             No.
                                                                                                   30.300
                                                                                       Reg
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                                                         Plunkett. Theodore
                                                                                       Reg.
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I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/organization/who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Merchant & Gould to the contrary.

Please direct all correspondence in this case to Merchant, Gould, Smith, Edell, Welter & Schmidt at the address indicated below:

Merchant, Gould, Smith, Edell,
Welter & Schmidt
3100 Norwest Center
90 South Seventh Street
Minneapolis, MN 55402-4131

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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	Sign			Signature of Inven	^		of Inventor 203
	Date	Takeshi Oct 8	2. 1996	Date -	A 1996	Date	n (Mady of 8 1926

For Additional Inventors:

X Indicate here and attach sheet with same information, including date and signature.

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	Address					
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2	Full Name Of Inventor	Family Name	First Given Nan	ne	Second Given Name	
0	Residence & Citizenship	City	State or Foreign Country		Country of Citizenship	
7	Post Office Address	Post Office Address				
2	Full Name Of Inventor	Family Name	First Given Nam	e	Second Given Name	
0	Residence & Citizenship	City	State or Foreign	State or Foreign Country		
8	Post Office Address	Post Office Address				
2	Full Name Of Inventor	Family Name	First Given Nam	e	Second Given Name	
0	Residence & Citizenship	City	State or Foreign	Country	Country of Citizenship	
9	Post Office Post Office Address Address					
Signs	Signature of Inventor 204 Signature of Inventor 205 Signature of Inventor 206					
	Signature of inventor 200					
Throtus Ohtsuka			Courtle Belluti	We'u	e Marie Place Sobofies	
Date Oct. 8, 1996			Date 30.9.1996 Date 30.9.1996			
Signature of Inventor 207			Signature of Inventor 208	Signature	of Inventor 209	
Date			Date	Date		

## § 1.56 Duty to disclose inform material to patentability.

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and information of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is cancelled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
  - (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
- (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
  - (2) It refutes, or is inconsistent with, a position the applicant takes in:
  - (i) Opposing an argument of unpatentability relied on by the Office, or
  - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
- (1) Each inventor named in the application:
- (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.